## DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS 301-102000-001 REV. C OR LATER APPROVED REVISION REF. TCCA STC: SH19-26

REF. FAA STC: SH8801SW-D

## **PURPOSE** 1.0

The purpose of this Service Instruction is to provide instructions to modify the existing Airbus Mirror to improve visibility for monitoring the 301 Fire Attack System in flight.

## 2.0 **PROCEDURE**

The existing Airbus Mirror should be modified as follows:

- Remove both the rectangular (Airbus) and round (Simplex) mirrors from the Airbus mirror bracket. 2.1.1
- 2.1.2 Trim the existing Airbus mirror bracket (Figure 1) to remove the outer mirror attachment post (Figure 2).
- 2.1.3 Install the round (Simplex) mirror as shown in Figure 3. Torque fasteners to 50-70 in-lbs [2.3-2.8 N-m].

NOTE: It is acceptable to install shorter or longer bolts if required. It is also acceptable to add washers if necessary.

NOTE: It is recommended that an Antiseize thread compound (lubricant) be applied to the AN4C14A bolts prior to installation. Lubricant must meet or exceed MIL-A-907.

- Adjust Aircraft Weight and Balance to reflect the removal of rectangular (Airbus) mirror.
- Update Aircraft Logbook to reflect modification per DSI 9852.

## 3.0 **PARTS**

QTY -011	PART NUMBER	DESCRIPTION	
X	DSI 9852-011	MIRROR CLAMP KIT	
4	D5916-1	CLAMP	
1	D5917-041	MIRROR POST	
2	AN4C14A	BOLT	
2	MS21043-4	NUT	
4	NAS1149D0463J	WASHER	

C-LSH21-018/D



RF

WRITTEN PERMISSION FROM DART AEROSPACE LTD

21.03.09

REV. B

SCALE

**NTS** 

SHEET 1 OF 2

**CANADA** DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION **BRANCH** DAO # 01-O-01

D. SHEPHERD (DE # 02)

DATE: 21.03.09 CERT. NO.: <u>C-LSH21-018/D</u> ISSUE NO.:

	Α	NEW IS	SSUE			20.12.08
	REV.		DESCRIPTION B'			DATE
	DESIGN DRAWN		RF	DART AEROSPACE L'		TD
			RF	HAWKESBURY, ONTARIO, CANADA		
	CHECKED MFG. APPR.		SAD	DSI 9852		REV. E
			N/A			SHEET 1 OF
	APPROVED DE APPR.		VS "	TITLE		SCAL
			DS 👭	MIRROR MODIFICAT	ION	NT
DATE 21.03.09			3.09	COPYRIGHT © 2020 BY DART AEROSPACE LTD.  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OF COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT		

ADDED D5917-041 MIRROR POST; ADDED SSTC NUMBER

APPROVED

В



SIMPLEX MIRROR—

Figure 1: Airbus Mirror Bracket

Figure 2: Mirror Attachment Post Remove

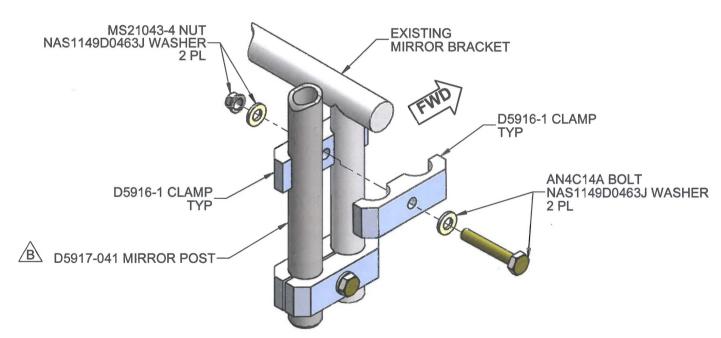


Figure 3: Mirror Installation

ROVED	DESIGN	RF	DART AEROSPACE LTD		
	DRAWN	RF	HAWKESBURY, ONTARIO, CANADA		
	CHECKED	SAD	DRAWING NO.	REV. B	
	MFG. APPR.	SAD	DSI 9852	SHEET 2 OF 2	
	APPROVED	VS ,	TITLE	SCALE	
P	DE APPR.	DS-	MIRROR MODIFICATION	NTS	
⋖	DATE 21.03.09		COPYRIGHT @ 2020 BY DART AEROSPACE LTD  THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  WRITTEN PERMISSION FROM DART AEROSPACE LTD.		